

GP Series — Commercial Grade - Conformal Coated

Features

- Low cost power resistor
- All welded construction
- Cut and formed product is available on select sizes; contact factory for details
- Non-flammable conformal coating
- High temperature silicone coating
- Centerless ground ceramic cores
- RoHS compliant / lead-free

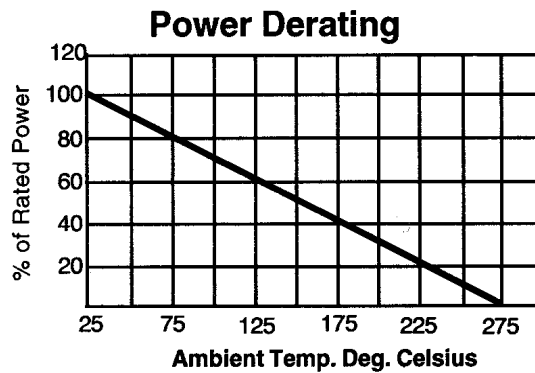


Electrical Specifications

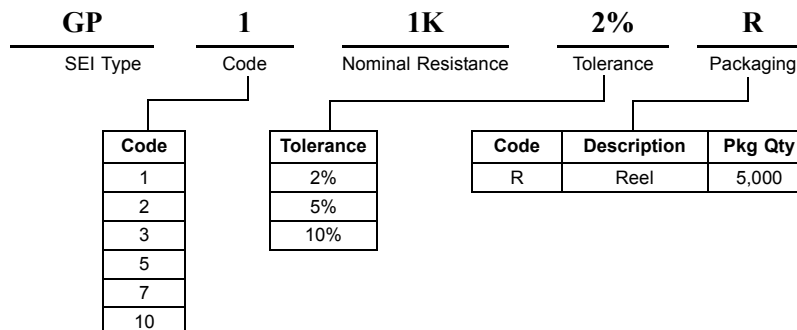
Type / Code	Power Rating (Watts) @ 70°C	Dielectric Withstanding Voltage	Ohmic Range and Tolerance
			2%, 5%, 10%
GP 1	1W	500 VAC	1Ω – 1K
GP 2	2.5W	500 VAC	1Ω – 2K
GP 3	3W	1,000 VAC	1Ω – 3K
GP 5	5W	1,000 VAC	1Ω – 10K
GP 7	7W	1,000 VAC	1Ω – 10K
GP 10	10W	1,000 VAC	1Ω – 20K

*Resistance Temperature Coefficient Standard: ± 50 ppm below 10Ω & ± 30 ppm above 10Ω

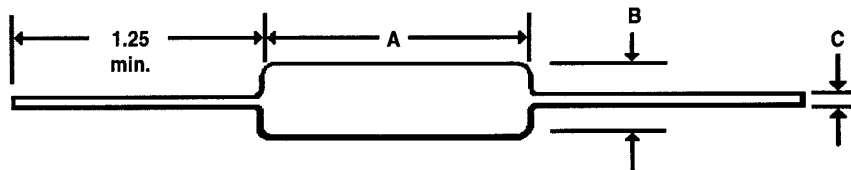
Please note: NOT Available in Non-Inductive / Fusible



How to Order



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Mechanical Specifications

Type / Code	A Body Length	B Body Diameter	C Lead Diameter	Units
Tolerance	±0.062	±0.031	±0.002	inches
	±1.6	±0.8	±0.05	mm
GP 1	0.370 9.4	0.156 4.0	0.032 0.81	inches mm
GP 2	0.550 14.0	0.156 4.0	0.032 0.81	inches mm
GP 3	0.560 14.2	0.187 4.8	0.032 0.81	inches mm
GP 5	0.875 22.2	0.312 7.9	0.036 0.91	inches mm
GP 7	1.125 28.6	0.312 7.9	0.036 0.91	inches mm
GP 10	1.780 45.2	0.375 9.5	0.040 1.0	inches mm

Performance Characteristics

Test	Test Results
Moisture Resistance	±5%
Thermal Shock	±2%
Load Life @ 70°C – 1,000 hrs.	±5%
Resistance to Soldering Heat	±2%
Short Time Overload	±2%
Dielectric Withstanding Voltage	±2%
Operating Temperature Range	-55°C to +275°C